

**\*\*\* PUBLIC NOTICE \*\*\***

**OF A PROPOSED PREVENTION OF SIGNIFICANT  
DETERIORATION PERMIT REVISION  
AND PUBLIC HEARING**

**BY**

**THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

The Region 9 office of the United States Environmental Protection Agency (EPA) is requesting public comment on the proposed revision of a permit for the Prevention of Significant Deterioration (PSD) of air quality, issued in accordance with 40 CFR 52.21, to Knauf Insulation GmbH (Knauf) in Shasta Lake, California. The public comment period for submitting written comments ends March 28, 2006.

Knauf submitted an application to revise its PSD permit to modify the Best Available Control Technology (BACT) requirements for the glass melting furnace (Furnace Stack) and the fiberglass manufacturing line (Main Stack). Knauf also applied to increase its NO<sub>x</sub> emissions at the Main Stack and its glass production capacity from 195 to 225 tons of glass produced per day (tpd). The initial PSD permit was issued in 2000 by the Shasta County Air Quality Management District before Knauf had begun construction of the facility based on emissions estimates in the initial application. The initial PSD permit required Knauf to meet PM<sub>10</sub> BACT limits of 0.1 lb/hr at the Furnace Stack, and 28.4 lb/hr and 3.50 lb/ton at the Main Stack. The initial PSD permit limited glass production capacity to 195 tpd. The initial PSD permit also incorporated a District-imposed synthetic minor emission limitation of 5.66 lb/hr for NO<sub>x</sub>. Initial performance testing in 2002-03 showed that Knauf's NO<sub>x</sub> emissions at the Main Stack were higher than the application had estimated. Knauf's PM<sub>10</sub> emissions at the Furnace Stack were also slightly higher than estimated. In its application for a revised PSD permit, Knauf stated its emissions were higher than estimated because its initial BACT determination underestimated emissions. After reviewing all of the information submitted by Knauf, EPA is proposing to make the following revisions to Knauf's PSD permit: (1) make minor changes to the PM<sub>10</sub> BACT limits of 0.67 lb/hr and 0.07 lb/ton for the Furnace Stack and 28.4 lb/hr and 3.03 lb/ton for the Main Stack; (2) establish NO<sub>x</sub> BACT limits of 16.5 lb/hr and 1.76 lb/ton for the Main Stack; and (3) allow Knauf to increase glass production to 225 tpd. The potential emission increases above the initial PSD permit will be 2.5 tpy for PM<sub>10</sub> and 47.5 tpy for NO<sub>x</sub>. The proposed increase in the glass production rate does not contribute to the increase in emissions of either NO<sub>x</sub> or PM<sub>10</sub>. The only effect of increasing the glass production rate is to subject Knauf to a lower emissions rate for each pollutant as expressed in pounds of pollutant emitted per ton of product produced.

Until the public comment period ends on March 28, 2006, any interested person may submit written comments on the proposed revised PSD permit. In addition, because EPA has determined that there is likely to be significant public interest in the proposed revised PSD permit, we have scheduled a public hearing to receive oral comments which will be transcribed and placed in to the administrative record for a final permit decision. EPA staff will be available to provide additional information on this proposed action during a public information session, and you may also obtain additional information by using EPA's website listed below. All

interested persons are encouraged to attend the public hearing and informational session. You are not required to attend the information session to comment at the public hearing.

**DATE:** Wednesday, March 8, 2006

**PLACE:** John Beaudet Senior Community Center  
1525 Median Avenue  
Shasta Lake, California

**TIMES:** Public Information Session – 4:00 PM until 6:00 PM  
Public Hearing – Starts at 7:00 PM

Persons who submit comments should focus on: (1) issues relating to the proposed revised PSD permit rather than issues that may have been relevant to the initial PSD permit; (2) their interest in the proposed revised permit; (3) the action they wish EPA to take on those portions of the proposed PSD permit that have been revised; and (4) the reasons supporting their position, stated with sufficient specificity as to allow EPA to investigate the merits of the position. All comments on the proposed revised PSD permit must be received, in writing, by EPA by March 28, 2006. Written comments must be mailed, emailed, or faxed as provided in 40 C.F.R. §124.10 – 124.13 and sent to the following addresses:

Shaheerah Kelly  
Air Division (AIR-3)  
EPA, Region 9  
75 Hawthorne Street  
San Francisco, CA 94105-3901  
Fax: (415) 947-3579  
Email: [knaufpermit@epa.gov](mailto:knaufpermit@epa.gov)

EPA's decision to issue a final revised PSD permit, or to deny the application for the permit revision, shall be made after EPA has considered all timely comments. EPA's notice of the final decision shall be sent to each person who has submitted written comments or requested notice of the final permit decision, provided EPA has adequate contact information. The decision will become effective 30 days from the date of issuance unless:

1. A later effective date is specified in the decision; or
2. The decision is appealed to the Environmental Appeals Board pursuant to 40 C.F.R. 124.19. Within 30 days after EPA's final decision, any person who submitted written comments or provided comments at the Public Hearing that were transcribed into the administrative record may file a petition with the Environmental Appeals Board. A person who failed to comment as described above, has a limited right to petition the Board to review only a part of the final permit decision that arose for the first time in the final permit.

3. If no one submits comments requesting a change to the proposed permit, EPA's final decision shall become effective immediately upon March 28, 2006.

The Administrative Record for the proposed permit, which consists of the proposed revised PSD permit, all data submitted by the applicant in support of the permit revision, and correspondence between EPA and the applicant is available for public inspection Monday through Friday from 9:00 A.M. until 4:00 P.M. at the address below. Due to building security procedures, please call to arrange a visit 24 hours in advance. All public documents that are available in electronic form may be requested via email. Please contact Shaheerah Kelly at the contact information listed in this notice for further information.

The proposed revised PSD permit and Air Quality Impact Report (AAQIR) will also be available for public inspection during normal business hours at the Shasta Lake Gateway Library at 4150 Ashby Court in Shasta Lake, California and at the Shasta County Library at 1855 Shasta Street in Redding, California. These documents are also available on the EPA Region 9 website at: <http://www.epa.gov/region09/air/permit/>

Please bring this notice to the attention of all persons who you know would be interested in this matter.

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